| Ref<br>#    | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|-------------|------|---|---|---------------------|---------|------------------|
| S1          | 9    | (("3110709") or ("3454544") or<br>("3563974") or ("4117195") or<br>("4614208") or ("5525679") or<br>("5756023") or ("6124406") or<br>("6284178")).PN. | USPAT   | OR                  | OFF     | 2005/08/11 11:32 |
| S2          | 12   | (("3110709") or ("3454544") or<br>("3563974") or ("4117195") or<br>("4614208") or ("5525679") or<br>("5756023") or ("6124406") or<br>("6284178")).PN. | USPAT;<br>USOCR                                       | OR                  | OFF     | 2005/07/18 11:52 |
| S3          | 1620 | 428/518.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/07/18 14:09 |
| S4          | 83   | S3 and chlorinated near3 polyethylene   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/07/18 15:24 |
| S5          | 2    | S4 and (cross\$1linked cross adj<br>linked) near3 polyethylene  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/07/18 14:08 |
| S6          | 20   | 428/518.ccls. and 428/36.91.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/07/18 14:09 |
| <b>S7</b>   | 47   | random\$2 near3 chlorinat\$4 near3<br>(polyolefin polyethylene) blocky<br>near3 chlorinat\$4 near3<br>(polyolefin polyethylene)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/07/18 15:33 |
| S8          | 121  | random\$2 near3 chlorinat\$4 near3 (polyolefin polyethylene) (block blocky) near3 chlorinat\$4 near3 (polyolefin polyethylene)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/07/18 16:26 |
| S9          | 1    | 2004-191160.NRAN.   | DERWENT   | OR                  | ON      | 2005/07/18 15:50 |
| S10         | 7819 | (chlorinated halogenated) and polyethylene  | EPO; JPO;<br>DERWENT                                  | OR                  | ON      | 2005/07/18 16:27 |
| S <b>11</b> | 320  | S10 and (random randomly block blocky)  | EPO; JPO;<br>DERWENT                                  | OR                  | ON      | 2005/07/18 17:20 |
| S12         | 171  | 428/36.91.ccls.   | EPO; JPO;<br>DERWENT                                  | OR                  | ON      | 2005/07/18 17:20 |

| S13 | 1439 | 428/36.91.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/18 17:20 |
|-----|------|--|---|----|----|------------------|
| S14 | 254  | S13 and (polyvinyl adj chloride<br>polyvinylchloride poly\$1vinyl adj<br>chloride\$1 PVC! CPVC!) and<br>polyethylene                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/18 17:24 |
| S15 | 106  | S13 and (chlorinated halogenated) near5 (polyethylene polyolefin ethylene olefin polypropylene propylene butene polybutene polyisobutene)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/18 17:25 |
| S16 | 2639 | (polyvinylidene adj chloride<br>PVDCI) same ((chlorinated<br>halogenated) near5 (polyethylene<br>polyolefin) CPEI)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/19 10:14 |
| S17 | 2502 | (polyvinylidene adj chloride<br>PVDC!) with ((chlorinated<br>halogenated) near5 (polyethylene<br>polyolefin) CPE!)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/19 10:09 |
| S18 | 714  | S17 and (pipe tube tubing)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/19 10:11 |
| S19 | 62   | S18 and (blocky randomly)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/19 10:11 |
| S20 | 0    | (polyvinylidene adj chloride<br>PVDC!) same ((chlorinated<br>halogenated) near5 (polyethylene<br>polyolefin) CPE!) with (blocky<br>randomly) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/19 10:15 |
| S21 | 20   | CPE! and PEX!  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/19 10:20 |
| S22 | 583  | chlorinated adj polyethylene and<br>(cross\$1linked cross adj linked)<br>near5 polyethylene  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/19 10:21 |

| S23 | 287  | chlorinated adj polyethylene same<br>(cross\$1linked cross adj linked)<br>near5 polyethylene               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2005/07/19 10:29 |
|-----|------|--|---|-----|----|------------------|
| S24 | 30   | (chlorinated adj polyethylene and<br>(cross\$1linked cross adj linked)<br>near5 polyethylene).clm.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2005/07/19 10:21 |
| S25 | 264  | S23 not S24  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2005/07/19 10:29 |
| S26 | 2999 | (PVC CPVC polyvinyl\$1chloride polyvinyl adj chloride) and (cross\$1linked near3 polyethylene PEX)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2005/08/10 12:12 |
| S27 | 1350 | S26 and (tube pipe tubing hose conduit)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR. | ON | 2005/08/10 15:24 |
| S28 | 1068 | S27 and @ad<"20020723"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2005/08/10 08:18 |
| S29 | 463  | S27 and (multi\$1layered multiple<br>adj layers (two twin three tri outer<br>inner) adj (layered layers))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2005/08/10 15:25 |
| S30 | 475  | S27 and (multi\$1layered multiple adj layers (two twin three tri outer inner second) adj (layered layers)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2005/08/10 08:18 |
| S31 | 475  | S27 and (multi\$1layered multiple adj layers (two twin three tri outer inner second) adj (layered layer))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2005/08/10 08:18 |
| S32 | 371  | S31 and @ad<"20020723"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2005/08/10 08:18 |

| S33 | 2     | ("4559973").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/08/10 12:11 |
|-----|-------|--|---|------|-----|------------------|
| S34 | 634   | (chlorinated near3 (polyethlene<br>polyolefin olefin) CPE!) and<br>(cross\$1linked near3 polyethylene<br>PEX!) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2005/08/10 12:16 |
| S35 | 237   | S34 and (tube pipe tubing hose conduit)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2005/08/10 12:16 |
| S36 | 91    | S35 and (multi\$1layered multiple<br>adj layers (two twin three tri outer<br>inner) adj (layered layers))      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2005/08/10 15:23 |
| S37 | 54    | (blocky block) near3 chlorinated adj (polyolefin polyethylene)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2005/08/10 15:24 |
| S38 | 18    | S37 and (tube pipe tubing hose conduit)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2005/08/10 15:45 |
| S39 | 9     | S37 and (multi\$1layered multiple<br>adj layers (two twin three tri outer<br>inner) adj (layered layers))      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2005/08/10 15:25 |
| S40 | 2     | S38 and S39  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | ON  | 2005/08/10 15:25 |
| S41 | 4520` | (428/35.7,36.6,36.9).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR . | OFF | 2005/08/11 11:33 |
| S42 | 7168  | (428/515,516,519,523).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/08/11 11:33 |

| S43 | 3870 | (138/137,140,141).CCLS. ·    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/11 11:33 |
|-----|------|------------------------------|---|----|-----|------------------|
| 544 | 1300 | (525/356,416).CCLS.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/11 11:34 |
| S45 | 487  | S41 and S42                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/11 11:34 |
| S46 | 48   | S42 and S43                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/11 11:34 |
| S47 | 0    | S41 and S44                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/11 11:34 |
| S48 | 1    | S43 and S44                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/11 11:35 |
| S49 | 131  | 428/36.9,36.91.ccls. and S42 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/11 11:35 |